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Notice of Allowability	Application No. 09/775,468	Applicant(s) Groat	
	Examiner KANOF	Art Unit 3628	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course.
THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. ☒ This communication is responsive to 2/5/01 amendment.
 - 2. ☒ The allowed claim(s) is/are 192-293.
 - 3. ☐ The drawings filed on _____ are accepted by the Examiner.
 - 4. ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 - 1. ☐ Certified copies of the priority documents have been received.
 - 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- *Certified copies not received: _____

- 5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
- 6. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

- 7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
- 8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

- 9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____. |
| 5 <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449), Paper No(s). _____ | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 9 <input type="checkbox"/> Other | |

Art Unit: 3628

DETAILED ACTION

Response to Amendments

1. This communication is in response to the application and preliminary amendment filled on 2/5/2001
2. Claims 1-191 have been canceled as requested.
3. Claims 192-293 have been added as requested.

Allowable Subject Matter

4. Claims 192-293 are allowed.
5. The following is an examiner's statement of reasons for allowance:

The claimed invention pertain to a method implemented in a computer system for dynamically analyzing the status of a numeric system wherein the numeric system includes one or more numeric objects such as inflow objects, outflow objects, account objects, and pipe objects. In addition, the present invention provides numeric objects having a growth property and single icons which represent either a row or column of a spreadsheet.

Art Unit: 3628

The searches made by the Examiner on the databases of the USPTO, European Patent Office, Japanese Patent Office, Derwent, Microcomputer Software Guide from Reed Elsevier Inc., periodicals and magazines (e.g. The New York Times, Wall Street Journal, Business Week, Business Wire, Business & Industry,...), McGraw-Hill Publications, PR Newswire, World Reporter, INSPEC-IEEE, Inside Conferences, Internet & Personal Computer Abstracts, The Gale Group, and World Intellectual Property Organization (WIPO) do not show any patent or Non-Patent Literature regarding ideas, projects or methods as the object of the present invention. The following list identifies the most relevant prior art pertinent to the claimed inventions:

Stoller (U.S. Patent No. 5,740,427) teaches a method and data processing system for processing various transactions, accounts, and journals. Data is received by the data processing system, wherein the data includes data that is specific to accounting processes. A first portion of the data is identified as core data and contains data specific to accounting processes. The second portion of the data is identified as auxiliary data. The core data and auxiliary data are stored in different files, and links are established between the various types of data. Stoller fails to teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Marshall (U.S. Patent No. 5,774,878) teaches a virtual reality generator having an input that receives as input financial information, and outputs to the display device a virtual reality

Art Unit: 3628

world generated from the financial information. The financial information can be reprocessed by the financial analytic system prior to input to the virtual reality generator, which can dynamically display and continuously update the virtual reality world. Marshall does not teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Nordstrom (European Patent No. 0 841 625 A1) discloses a processor that uses a memory area to interpret received inputs and to generate contents-related output communication, with a matrix manager for processing the concepts, and utilization manager to enhancing the knowledge and developing outputs. Nordstrom does not teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Gish (European Patent No. 0 844 558 A2) discloses an object-oriented system, method and article of manufacture for a client-server event driver message framework in an enterprise computing framework system. Gish does not teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Art Unit: 3628

Burch (The case for Object-Oriented Financial Systems Development, Financial & Accounting Systems, v.7, N2, Summer 1991, pages 35-40) discloses a system that using object-oriented programming is used to develop applications to accounting business, and wherein the reliable objects refined through extensive on-the-job testing can be reused as often as need in many new applications. Burch does not teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Jones (Software: Vendors turn to object-oriented programming, Financial Technology International Bulletin, v10, n8, pp 11-12, 4/1993) discloses the use of object-oriented programming for an European major supplier of packages solutions to brokers, banks, and the insurance industry through libraries of objects, and wherein developers will select and assemble systems to address changing business requirements. Jones does not teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

S. Y. Liao et al. (Experience Report: SSADM-Designed System to Object-Oriented System, The Journal of Object-Oriented Programming, V10, N9, 2/1998, pp38-48) discloses a re-engineering process using object-oriented approach and functional decomposition in which Logical data flow Diagrams, Logical data Structure, Entity Life Histories, and Logical Dialogue

Art Unit: 3628

Design are used to logically describe applications systems.. S. Y. Liao et al. does not teach displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Thus, the Examiner considers the novelty of the invention to be a system for displaying the adjusted value of the first inflow object, the first adjusted value of the first account object, and a the relationship between those values objects to thereby provide the user with the financial status of the entity, wherein the first displayed relationship represents the first pipe object.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exr. Pedro R. Kanof whose telephone number is (703) 308-9552. The examiner can normally be reached on weekdays from 7:30 a.m. to 4:00 p.m.

Art Unit: 3628

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Vincent Millin, can be reached on (703) 308-1065. The fax phone number for this Group is (703) 305-7687..

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-1113.

PRK-13/8/02



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